

CHEVRON ENVIRONMENTAL HEALTH CENTER INC. -- HEATING FUEL NO 1 -- 9140-00-242-6749

===== Product Identification =====

Product ID:HEATING FUEL NO 1

MSDS Date:01/03/1992

FSC:9140

NIIN:00-242-6749

MSDS Number: BPFRZ

=== Responsible Party ===

Company Name:CHEVRON ENVIRONMENTAL HEALTH CENTER INC.

Address:15299 SAN PABLO AVE.

Box:4054

City:RICHMOND

State:CA

ZIP:94804

Country:US

Info Phone Num:415-233-373

7 OR 800-582-3835

Emergency Phone Num:415-233-3737 OR 800-457-2022

CAGE:0AHD1

=== Contractor Identification ===

Company Name:CHEVRON ENVIRONMENTAL HEALTH CENTER INC

Address:15299 SAN PABLO AVE

Box:4054

City:RICHMOND

State:CA

ZIP:94804

Country:US

Phone:800-582-3835

CAGE:0AHD1

===== Composition/Information on Ingredients =====

Ingred Name:ALIPHATIC PETROLEUM SOLVENT/KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Other REC Limits:NONE RECOMMENDED

Ingred Name:KEROSENE/KEROSENE HYDRODE

SULFURIZED
CAS:64742-81-0
Other REC Limits:NONE RECOMMENDED

Ingred Name:DISTILLATES, HYDROSULFURIZED MIDDLE
CAS:64742-80-9
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:DISTILLATES,STREIGHT RUN MIDDLE
CAS:64741-44-2
RTECS #:LX3296000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS > 5ML/KG
Routes
of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INHALED:IRRITATES RESPIRATORY
TRACT,HEADACHE,NAUSEA,DIZZINESS,LOSS OF APPETITE,WEAKNESS,LOSS OF
COORDINATION.EYES:IRRITATION.SKIN:PROLONGED/REPEATED CONTACT CAN
CAUSE PAIN,SWELLING,BLISTERING.IN Ggestion:MAY IRRITATE DIGESTIVE
TRACT.ASPIRATION INTO THE LUNG MAY CAUSE LUNG DAMAGE.CHRONIC-SKIN
DISCOLORATION,BLISTERS.
Explanation of Carcinog
enicity:THE NIOSH HAS RECOMMENDED THAT WHOLE
DIESEL EXHAUST BE REGARDED AS POTENTIALLY CAUSING CANCER.
Effects of Overexposure:INHALATION CAUSES IRRITATION OF RESPIRATORY
TRACT, HEADACHE, NAUSEA, DIZZINESS, LOSS OF APPETITE, WEAKNESS, AND
LOSS OF COORDINATION. IRRITATES EYE. PROLONGED OR REPEATED SKIN
CONTACT CAN CAUSE PAIN, SWELLING, BLISTERING. INGESTION MAY
IRRITATE DIGESTIVE TRACT. ASPIRATION INTO THE LUNG MAY CAUSE LUNG
DAMAGE.
Medical Cond Aggravated by Exposure:PR
E-EXISTING SKIN DISORDERS MAY BE
MORE SUSCEPTIBLE TO THIS MATERIAL.

===== First Aid Measures =====

First Aid:GET MEDICAL CARE IN ALL CASES.INHALATION:REMOVE TO FRESH
AIR.PROVIDE CPR/OXYGEN IF NEEDED.EYE:FLUSH WITH WATER FOR 15
MINUTES KEEPING EYELID OPEN.SKIN:WASH WITH SOAP &
WATER.INGESTION:DO NOT INDUCE VO MITING.ASPIRATION HAZARD.IF
CONSCIOUS,DRINK MILK/WATER.CALL PHYSICIAN.IF SPONTANEOUS VOMITING
OCCURS,KEEP HEAD LOWER THAN HIPS

TO PREVENT PULMONARY ASPIRATION.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:100F,38C MIN

Lower Limits:0.6

Upper Limits:4.7

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. A FORCED STREAM OF WATER COULD SCATTER FLAMES OF FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusua

I Fire/Explosion Hazard:MAY FORM WATER VAPOR, CARBON MONOXIDE AND
CARBON DIOXIDE. WATER RUNOFF TO SEWER MAY CARRY COMBUSTIBLE FUELS &
CREATE A FIRE/EXPLOSION. MORE FIRE HAZARD IF >85F.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE SOURCE OF HEAT,SPARKS,FLAME,FRICTION &
ELECTRICITY,INCLUDING INTERNAL COMBUSTION ENGINE.USE
EXPLOSION-PROOF EQUIPMENT TO CLEAN UP.DIKE SPILL.PREVENT LIQUID
FROM ENTERING SEWERS,WATERWAYS/LOW AR
EAS.SOAK UP WITH
SAWDUST,SAND,OIL DRY.SHOVEL/SWEEP

===== Handling and Storage =====

Handling and Storage Precautions:STORAGE-STORE IN COOL,DRY
WELL-VENTILATED AREA IN CLOSED CONTAINER AWAY FROM HEAT,IGNITION
SOURCES & OXIDIZERS.

Other Precautions:COMBUSTIBLE LIQUID. USE WITH ADEQUATE VENTILATION.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDER CONTAMINATED
CLOTHING BEFORE REUSE. GROUND AND BOUND CONTAINERS TO PREVENT
STATIC SPARKS
. USE EXP LOSION-PROOF ELECTRICAL SERVICES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IN SITUATION WHERE VAPOR CONCENTRATIONS MAY
EXCEED THE RECOMMENDED EXPOSURE LIMITS, A NIOSH-APPROVED ORGANIC
VAPOR CARTRIDGE RESPIRATOR SHOULD BE WORN. USE SELF-CONTAINED
SUPPLIED-AIR RESPIRATOR FOR E MERGENCIES.

Ventilation:GENERAL DILUTION OR MECHANICAL VENTILATION/EXPLOSION-PROOF
LOCAL EXHAUST TO KEEP VAPOR BELOW RECOMMENDED EXPOSURE LIMITS

P

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL
Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD
Other Protective Equipment:EYE WASH STATION.BARRIER CREAMS SPECIFIC FOR
PETROLEUM-BASED MATERIALS MAY BE USED WHEN GLOVES ARE IMPRACTICAL.
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK
AREA.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PIN A SAME NSN. EM
PTY

CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT
PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE TO
HEAT, FLAME; THEY MAY EXPLODE. DO NOT USE PRESSURE TO EMPTY DRUM
OR DRUM MAY RUPTURE WITH EXPLOSIVE FORCE.

===== Physical/Chemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:400F,204C

Spec Gravity:0.85

Solubility in Water:INSOLUBLE

Appearance and Odor:PALE YELLOW LIQUID WITH MILD PETROLEUM ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

Stability Condition to Avoid:HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER
SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR.
TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN
ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice

to verify and
assume responsibility for the suitability of this information to their
particular situation.